

KAELEPULU WATERSHED DISCUSSION

December 7, 2004

1:30 pm - 3:00 pm

Purpose of Discussion: To strengthen collaborative efforts to address priority environmental problems through increased communication, coordination, and decision making.

Expected Outcome: 1) To identify key opportunity for increased communication and coordination.
2) Agree to strategy to address issues and leverage resources.

Background (10 min) : Brief Overview of what we know about the watershed

Map

Land uses; populations, etc.

Environmental issues focused on water quality

303d listing - basis for listing; WQS; point and/or NPS?

Ownership and access of water

Current Water Program Activities in the watershed (30 min):

- TMDL development - community involvement
 - monitoring strategy - existing sampling and future sampling
 - sanitary survey
 - collection of watershed background information
 - Volunteer monitoring
- Sanitary Surveys - Contracts to do surveys and to conduct septic system training
- TMDL Implementation Plan Development
- Watershed Based Plan? - KBAC? Kailua Watershed Improvement Project? Others?
- BMP implementation - mangrove removal project (319)
- Large Capacity Cesspool Closures (are there other cesspools?)
- NPDES - CCH permit for WWT and Stormwater?
 - Sewage spills into Kailua Bay
 - Phase II MS4? Eligibility for FY03 319 funds?
- EPA wetlands grant to DLNR to do water quality monitoring in Hamakua Marsh
- Other Relevant Program Activities: PWS? UIC?

Opportunities for collaboration(30 Min):

Within DOH:

- 1) Applying WQS (enterococcus) in estuaries: What kind of monitoring is needed? What is the appropriate follow-up when find positive samples?
- 2) Clarify when a stormwater projects is eligible for CWA 319 funds (either as Phase II for use of FY03 funds or when not covered under the NPDES permit).
- 3) Consolidate or coordinate the development of a TMDL Implementation and the establishment of a watershed-based plan (based on existing plans or new plan development/update)
- 4) Development of watershed and monitoring expertise to develop TMDL (SOP for watershed background development and monitoring) (and evaluate program implementation results).
- 5) Coordination of compliance inspections and enforcement related sewages spills and outcomes of sanitary survey.
- 6) Ground water quality and it's role bringing pollution loads to Kaelepulu.
- 7) Funding to Dredge Enchanted Lake

With other organizations:

- 1) Watershed Work group? Is the Work group representative of watershed (i.e., CCH, native Hawaiians)
- 2) NRCS? Is NRCS interested in urban issues (condo; homeowner associations?)

Needed Training and Expertise(10 min)?

- Understanding of watershed systems/ecology
- Develop of sampling and analysis plans at the project level (to develop TMDLs or to evaluate project effectiveness).
- Community Involvement
- Watershed and estuarine modeling

Summary and Next Steps (5 min): (Record action items throughout discussion)